

Environmental Protection Agency

§ 421.136

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(h) Subpart M—Battery Case Classification.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(i) Subpart M—Employee Handwash.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .052 | .023 |
| Arsenic | .038 | .015 |
| Lead | .008 | .004 |
| Zinc | .028 | .011 |
| Ammonia (as N) | .000 | .000 |

(j) Subpart M—Employee Respirator Wash.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .085 | .038 |
| Arsenic | .061 | .025 |
| Lead | .012 | .006 |
| Zinc | .045 | .018 |
| Ammonia (as N) | .000 | .000 |

(k) Subpart M—Laundering of Uniforms.

PSES

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .247 | .110 |
| Arsenic | .178 | .073 |
| Lead | .036 | .017 |
| Zinc | .131 | .054 |
| Ammonia (as N) | .000 | .000 |

§ 421.136 Pretreatment standards for new sources.

Except as provided in 40 CFR 403.7, any new source subject to this subpart which introduces pollutants into a publicly owned treatment works must comply with 40 CFR part 403 and achieve the following pretreatment standards for new sources. The mass of wastewater pollutants in secondary lead process wastewater introduced into a POTW shall not exceed the following values:

(a) Subpart M—Battery Cracking.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | 1.299 | .579 |
| Arsenic | .936 | .384 |
| Lead | .189 | .087 |
| Zinc | .687 | .283 |
| Ammonia (as N) | .000 | .000 |

(b) Subpart M—Blast, Reverberatory, or Rotary Furnace Wet Air Pollution Control.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | 5.038 | 2.245 |
| Arsenic | 3.628 | 1.488 |
| Lead | .731 | .339 |
| Zinc | 2.662 | 1.096 |
| Ammonia (as N) | .000 | .000 |

(c) Subpart M—Kettle Wet Air Pollution Control.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from refining | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(d) Subpart M—Lead Paste Desulfurization.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|---|-----------------------------|
| | mg/kg (pounds per million pounds) of lead processed through desulfurization | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(e) Subpart M—Casting Contact Cooling.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead cast | |
| Antimony | .042 | .019 |
| Arsenic | .031 | .013 |
| Lead | .006 | .003 |
| Zinc | .022 | .009 |
| Ammonia (as N) | .000 | .000 |

(f) Subpart M—Truck Wash.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .041 | .018 |
| Arsenic | .029 | .012 |
| Lead | .006 | .003 |
| Zinc | .021 | .009 |
| Ammonia (as N) | .000 | .000 |

(g) Subpart M—Facility Washdown.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(h) Subpart M—Battery Case Classification.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead scrap produced | |
| Antimony | .000 | .000 |
| Arsenic | .000 | .000 |
| Lead | .000 | .000 |
| Zinc | .000 | .000 |
| Ammonia (as N) | .000 | .000 |

(i) Subpart M—Employee Handwash.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .052 | .023 |
| Arsenic | .038 | .015 |
| Lead | .008 | .004 |
| Zinc | .028 | .011 |
| Ammonia (as N) | .000 | .000 |

(j) Subpart M—Employee Respirator Wash.

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .085 | .038 |
| Arsenic | .061 | .025 |
| Lead | .012 | .006 |
| Zinc | .045 | .018 |
| Ammonia (as N) | .000 | .000 |

(k) Subpart M—Laundering of Uniforms.

Environmental Protection Agency

§ 421.143

PSNS

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of lead produced from smelting | |
| Antimony | .247 | .110 |
| Arsenic | .178 | .073 |
| Lead | .036 | .017 |
| Zinc | .131 | .054 |
| Ammonia (as N) | .000 | .000 |

§ 421.137 [Reserved]

Subpart N—Primary Antimony Subcategory

SOURCE: 50 FR 38345, Sept. 20, 1985, unless otherwise noted.

§ 421.140 Applicability: Description of the primary antimony subcategory.

The provisions of this subpart are applicable to discharges resulting from the production of antimony at primary antimony facilities.

§ 421.141 Specialized definitions.

For the purpose of this subpart the general definitions, abbreviations, and methods of analysis set forth in 40 CFR part 401 shall apply to this subpart.

§ 421.142 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available:

(a) Sodium Antimonate Autoclave Wastewater.

BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of antimony contained in sodium antimonate product | |
| Antimony | 44.840 | 20.000 |
| Arsenic | 32.650 | 14.530 |
| Mercury | 3.906 | 1.562 |
| Total suspended solids | 640.600 | 304.700 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(b) Fouled anolyte.

BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of antimony metal produced by electrowinning | |
| Antimony | 44.840 | 20.000 |
| Arsenic | 32.650 | 14.530 |
| Mercury | 3.906 | 1.562 |
| Total suspended solids | 640.600 | 304.700 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

(c) Cathode Antimony Wash Water.

BPT LIMITATIONS FOR THE PRIMARY ANTIMONY SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
| | mg/kg (pounds per million pounds) of antimony metal produced by electrowinning | |
| Antimony | 89.680 | 40.000 |
| Arsenic | 65.310 | 29.060 |
| Mercury | 7.812 | 3.125 |
| Total suspended solids | 1,281.000 | 609.300 |
| pH | (¹) | (¹) |

¹ Within the range of 7.5 to 10.0 at all times.

§ 421.143 Effluent limitations guidelines representing the degree of effluent reduction attainable by the application of the best available technology economically achievable.

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart shall